

MOBILITY 2045 UPDATE

SCHEDULE AND DRAFT PLAN PROGRESS

Surface Transportation Technical Committee
April 22, 2022

MAJOR MOBILITY PLAN COMPONENTS

PLAN CONTENT

PROGRAMS

POLICIES

PROJECTS

Information

Results and Recommendations
Available for Public Review
(60 Days)

FINANCIAL PLAN

FINANCIAL
CONSTRAINT

Information

Results and Recommendations
Available for Public Review
(60 Days)

NONDISCRIMINATION ANALYSIS

NO DISPARATE
IMPACTS

Information

Results and Recommendations
Available for Public Review
(60 Days)

AIR QUALITY CONFORMITY

CONSISTENCY
WITH
FEDERAL/STATE
AIR QUALITY
GOALS

Information

Results and Recommendations
Available for Public Review
(30 Days)

PLAN CONTENT: RECENT REVISIONS

Mobility 2045: 2022 Update

The Mobility 2045: 2022 Update draft materials are available. Reasonable funding sources to help meet the current and growing transportation needs will be included in the draft plan. Consideration of the draft plan by the **Regional Transportation Council** is expected on June 9, 2022.

Draft Plan Materials

Draft Maps



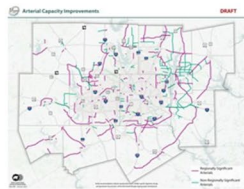
Changes to Major Roadway Recommendations



Major Roadway Recommendations



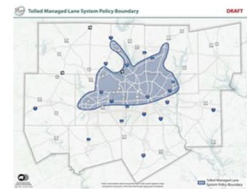
Highway Corridor Projects



Arterial Capacity Improvements



Priced Facilities



Tolled Managed Lane System Policy Boundary



www.nctcog.org/PlanInProgress

Project Maps/Listings

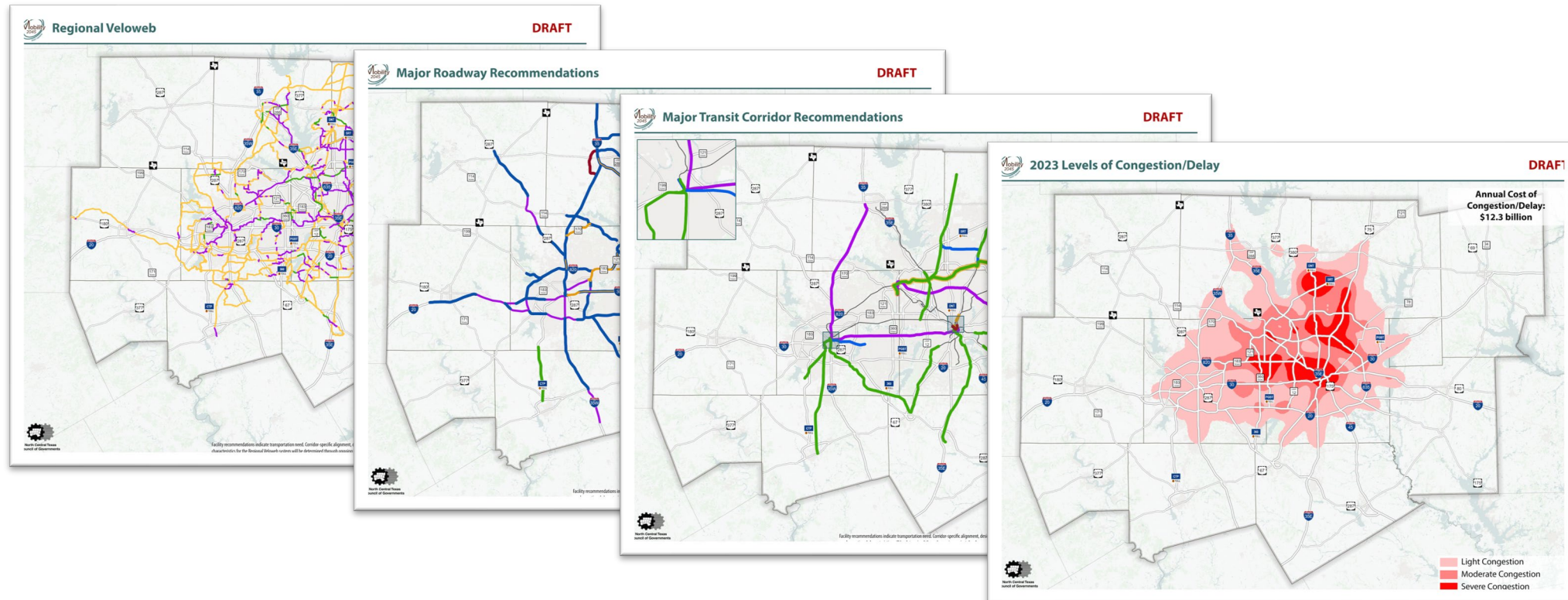
- Select Asset Optimization, Freeway/Tollway, and RSA identification numbers updated
- No change to transit or roadway recommendations

Chapter Content

- Map Your Experience summaries added to Mobility Options and Social Considerations chapters
- Air Quality Conformity results added to Environmental Considerations chapter
- Financial refinements made in Financial Reality chapter

DRAFT MAPS AVAILABLE ONLINE

www.nctcog.org/PlanInProgress



DRAFT FINANCIAL PLAN EXPENDITURES

MAXIMIZE EXISTING SYSTEM

Infrastructure Maintenance

Maintain and operate existing transit and roadway facilities

~~\$39 B~~

\$39.5 B

Management and Operations

Improve efficiency and remove trips from system

~~\$10 B~~

\$9.6 B

Growth, Development, and Land Use Strategies

Improve transportation and land use balance

~~\$1 B~~

\$1.5 B

STRATEGIC INFRASTRUCTURE INVESTMENT

Rail and Bus

Encourage switch to transit

~~\$42 B~~

\$44.9 B

HOV/Managed Lanes

Increase auto occupancy

~~\$56 B~~

\$52.8 B

Freeways/Tollways and Arterials

Add vehicle capacity

TOTAL

~~\$148 B~~

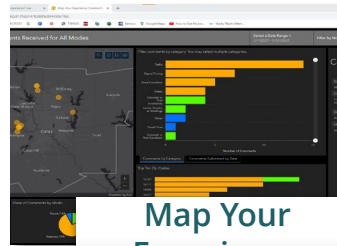
\$148.3 B

PUBLIC COMMENTS

Comments Received Via:



Community Events



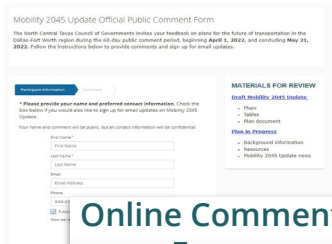
Map Your Experience



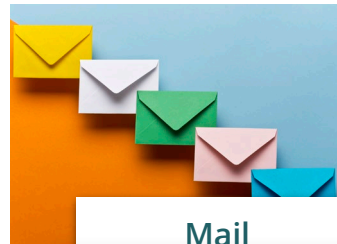
NCTCOG Public Meetings



Social Media



Online Comment Form



Mail

Question and Comment Topics:

Support for expansion of transit network to alleviate congestion

Congestion and maintenance relationship

Cost of congestion methodology

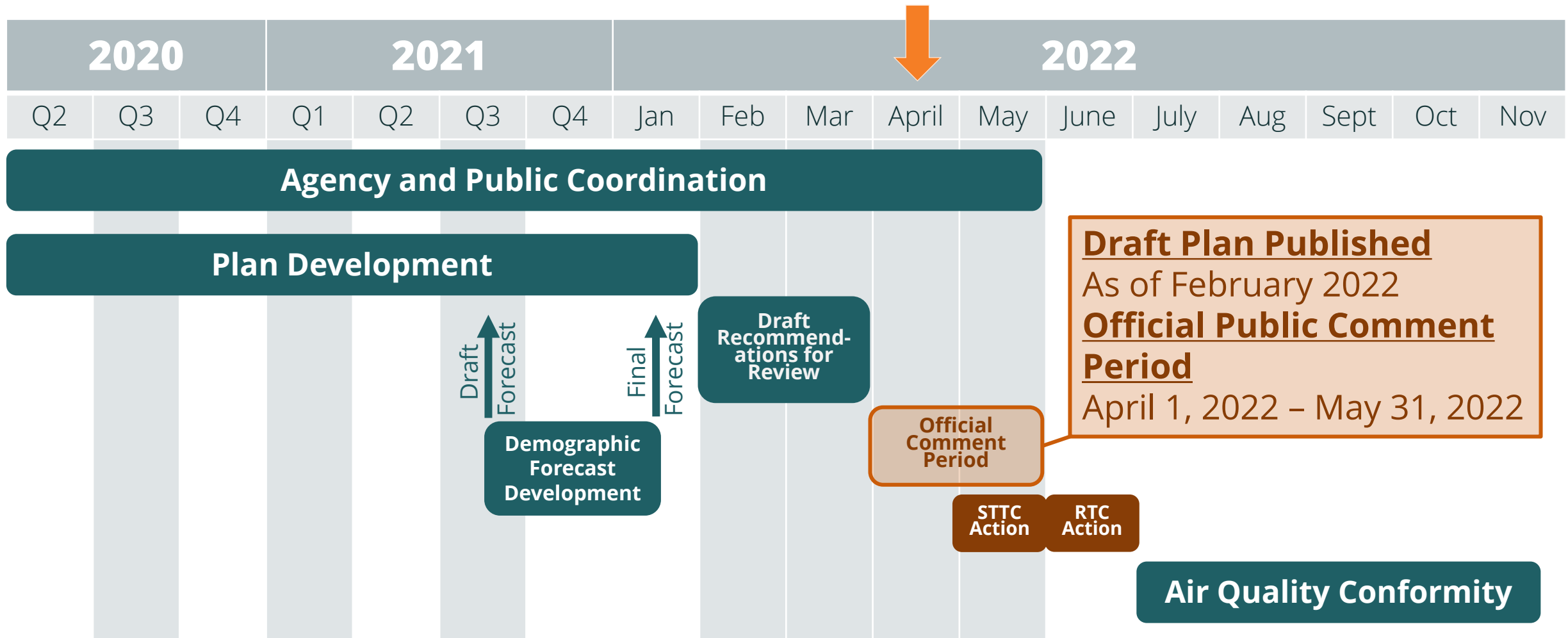
Safety included as part of Mobility Plan

Add capacity to suburban highways to alleviate downtown congestion

Expanding trails and pedestrian access

Official Public Comment Period:
April 1, 2022 - May 31, 2022

PLAN SCHEDULE



Notes:

- Public meetings held during highlighted months.
- Regional Transportation Council action on Mobility 2045 Update scheduled for June 9, 2022.

TIMELINE

DATE	ACTIVITY
April – December 2021	RTC & STTC – Mobility Plan Update Schedule, Project Selection, and Demographic Assumptions
January 2022	RTC – Mobility Plan Update Progress
January 2022	STTC – Mobility Plan Update Progress
February 2022	RTC – Mobility Plan Update Progress
February 2022	STTC – Action Requested: Recommend RTC Direct Staff to Enter Public Comment Period
March 2022	RTC – Action Requested: Direct Staff to Enter Public Comment Period
March 2022	STTC – Mobility Plan Update Progress
April – May 2022	Official Public Comment Period
April 2022	RTC – Mobility Plan Update Progress
April 2022	STTC – Mobility Plan and Air Quality Conformity
May 2022	RTC – Mobility Plan and Air Quality Conformity
May 2022	STTC – Action Requested: Recommend RTC Adopt Mobility 2045 - 2022 Update
June 2022	RTC – Action Requested: Adopt Mobility 2045 - 2022 Update

TRANSPORTATION CONFORMITY



2022 TRANSPORTATION AIR QUALITY CONFORMITY ANALYSIS

PURPOSE

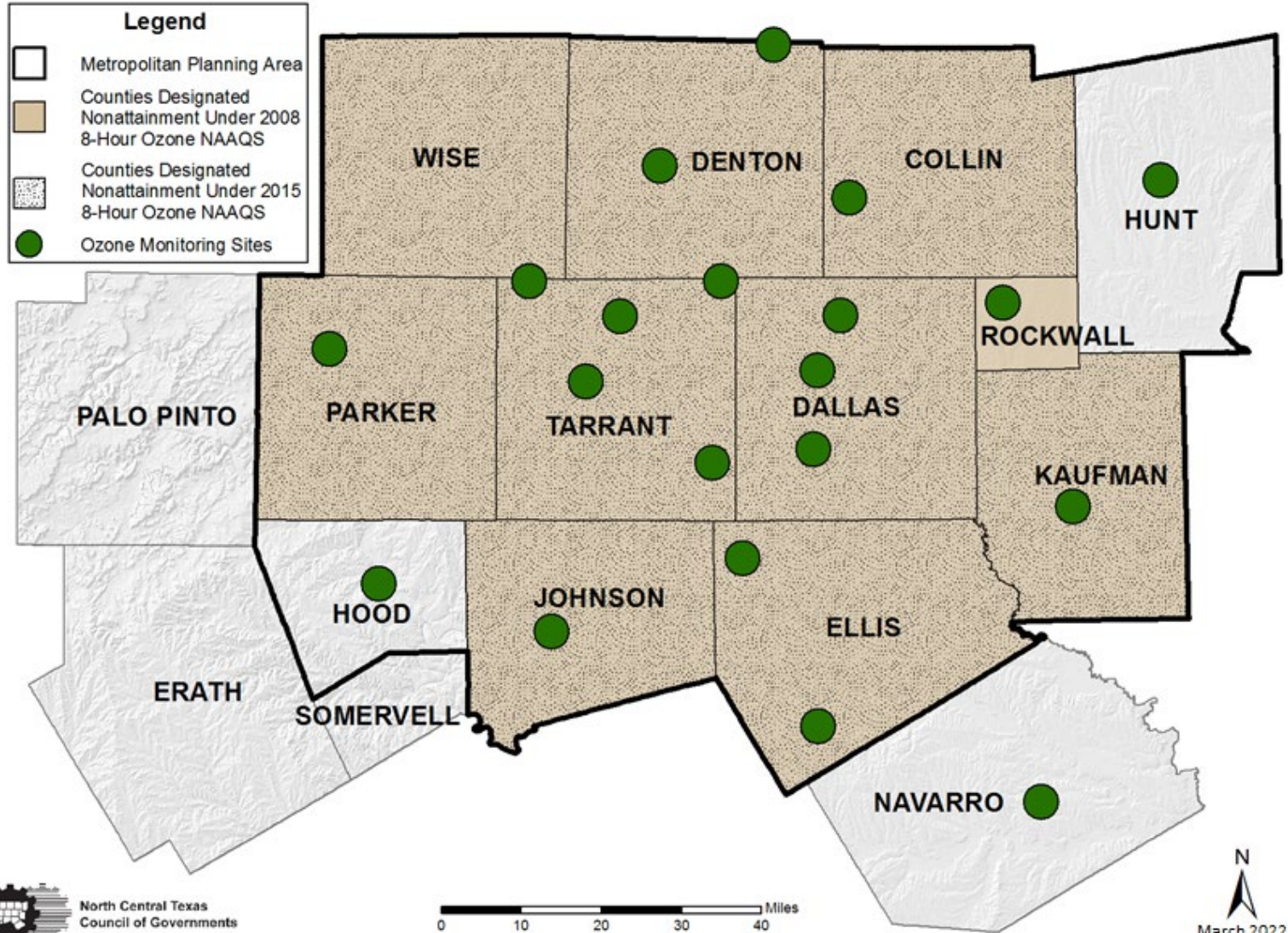
Required by Federal Legislation

Demonstrates that projected emissions from transportation projects are within emission limits (Motor Vehicle Emissions Budgets) established by the State Implementation Plan (SIP)

Ensures federal funding and approval is applied to transportation projects that are consistent with air quality planning goals

2022 TRANSPORTATION AIR QUALITY CONFORMITY ANALYSIS

Nonattainment Areas Under the 8-Hour Ozone Standards



2022 TRANSPORTATION AIR QUALITY CONFORMITY ANALYSIS

Reason and Highlights

Mobility 2045 (previous plan)

Adopted by RTC on June 14, 2018

Achieved USDOT Transportation Conformity Determination on November 21, 2018

Updated plan, with conformity determination, required within four years

Scenarios

Conformity Demonstration Against Current Motor Vehicle Emissions Budgets
(Analysis year 2017, Meteorological Data 2012), **OR**

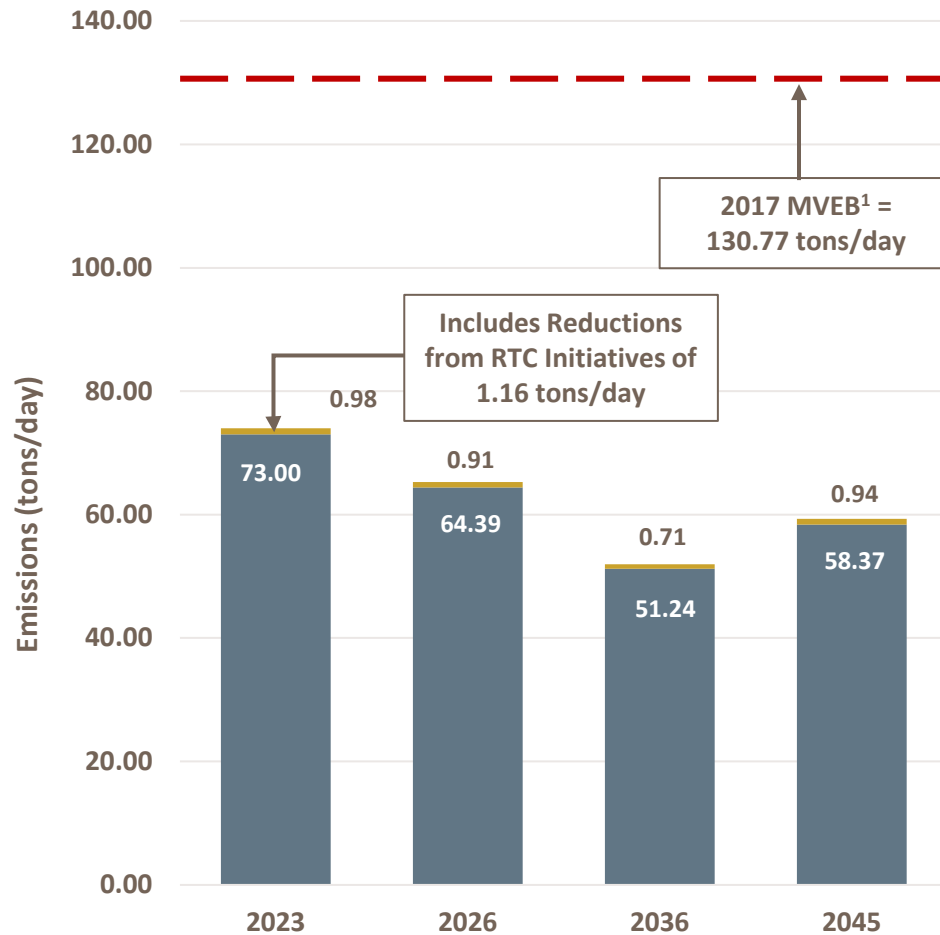
Conformity Demonstration Against Anticipated Motor Vehicle Emissions Budgets
(Analysis year 2020, Meteorological Data 2011)

Analysis Years

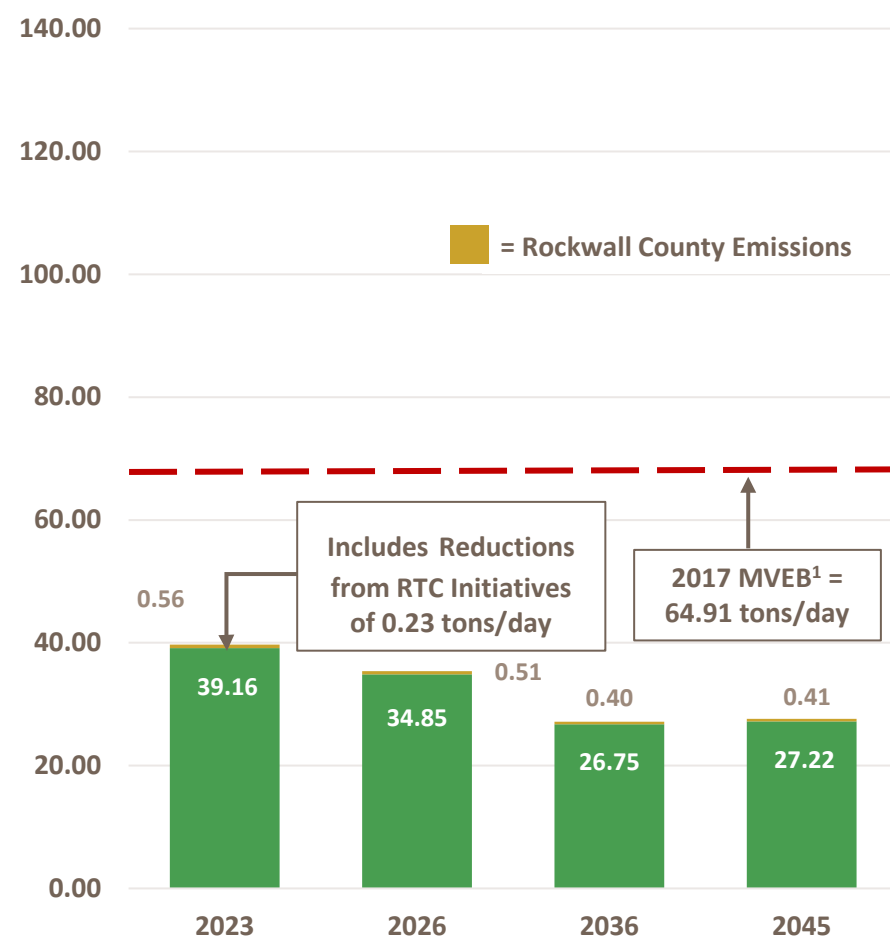
2023, 2026, 2036, and 2045

2023 TRANSPORTATION CONFORMITY RESULTS (SCENARIO 1)

NITROGEN OXIDES (NO_x)
(TONS/DAY)



VOLATILE ORGANIC COMPOUNDS (VOC)
(TONS/DAY)



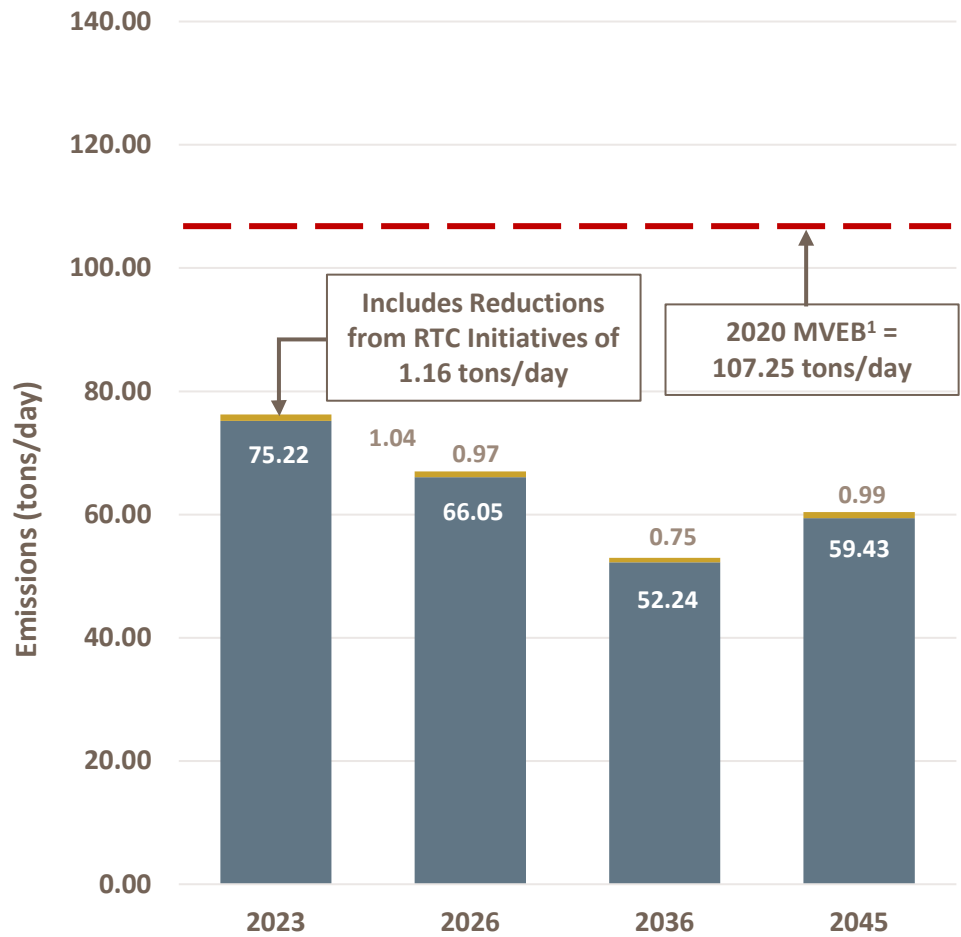
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¹Adequacy Status of the Dallas-Fort Worth, Texas Attainment Demonstration 8-Hour Ozone Motor Vehicle Emission Budgets for Transportation Conformity Purposes, [81 FR 78591](#)

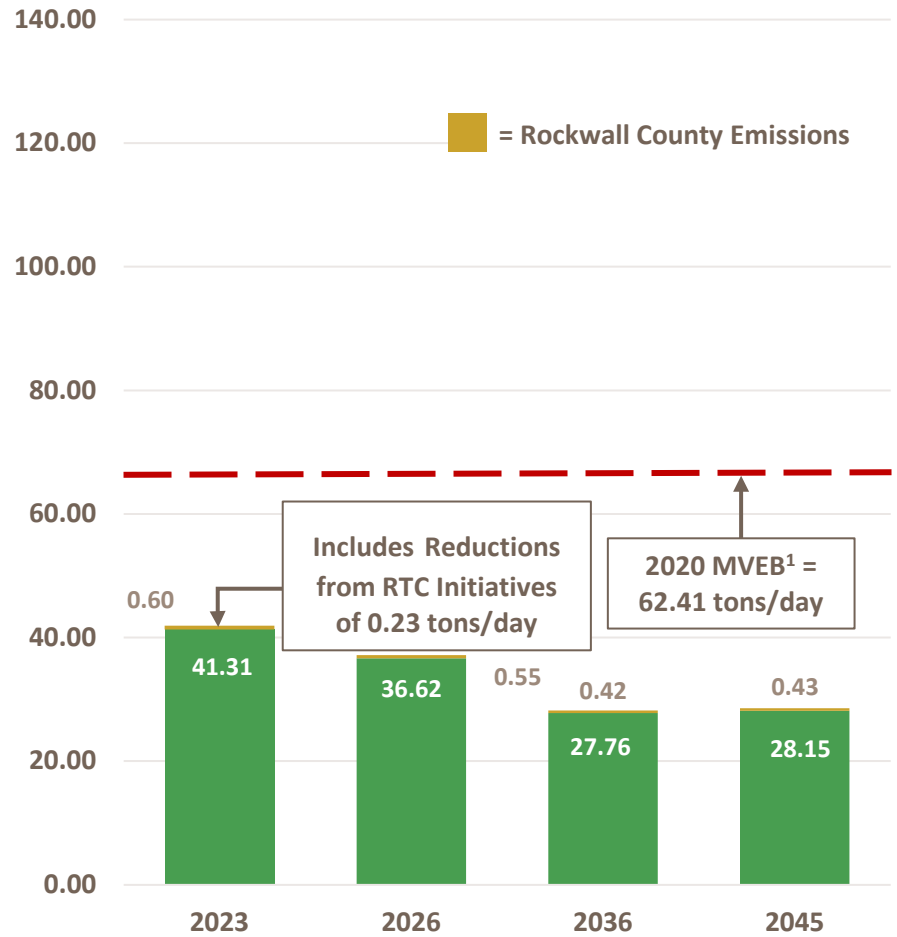
2023 TRANSPORTATION CONFORMITY RESULTS (SCENARIO 2)

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**NITROGEN OXIDES (NO_x)
(TONS/DAY)**



**VOLATILE ORGANIC COMPOUNDS (VOC)
(TONS/DAY)**



¹Anticipated Dallas-Fort Worth, Texas Reasonable Further Progress 8-Hour Ozone Motor Vehicle Emission Budgets for Transportation Conformity Purposes, [85 FR 64084](#)

CONTACTS

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Air Quality Conformity



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